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Saito et al, "Thermodynamics of a Unique Thermo-Tropic Liquid Crystal Having Optical Isotropy", EKISH 2001, Vol. 5, No. 1, pp. 20-27									но,				
1	"	Yamamoto, "Liquid Crystal Micro Emulsion", EKISHO, 2000, Vol. 4, No. 3, pp. 248-254											
	\prod	Kobunshi Ronbunshu	, December	2002, Vol. 59	, No. 12, pp. 753-759		•						
1.1	Ш	Yoneya, "Examining Nano-Structured Liquid Crystal Phase by Molecule Simulator", EKISHO, 2003, Vol. 7, No.											
H	-++	3, pp. 238-245											
	++	Handbook of Liquid Crystals, Wiley-VCH, 1998, Vol. 1, pp. 484-485 and p. 530 Demus et al, "Chapter XIII Thermotropic Cubic Phases", Handbook of Liquid Crystals Low Molecular Weight											
	11	<u> Liquid Crystal, Wiley-VCH, 1998, Vol. 1.2B, pp. 887-900</u>											
	Н	Yamamoto, "First Lecture of Liquid Crystal Science Experiment: Identification of Liquid Crystal Phase"											
-	₩	Lyotropic Liquid Crystal, EKISHO, 2002, Vol. 6, No. 1, pp. 72-82 Grelet et al, "Structural Investigations on Smectic Blue Phases", Physical Review Letters, 23 April 2001, Vol.											
		86, No. 17, pp. 3791-3	vesugau 3794	ions on Smect	ic blue mases, Phys	icai Kevi	ew Le	etters	, 23 Ap	orii 2001	, Vol.		
		Matsumoto et al, "Fine Droplets of Liquid Crystals in a Transparent Polymer and Their Response to an Electric Field", Appl. Phys. Lett., 1996, Vol. 69, pp. 1044											
2.12		Mizoshita et al, "Fast a	and High-Co	ontrast Electro	-Optical Switching of	Liquid-Cr	ystall	ine Pl	nysica	Gels:			
Traff	Ш	Formation of Oriented	viicropnasi	e-Separated S	orructures", Adv. Funct	. Mater.,	2003	, Vol.	13, No). 4, pp.	313-		
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	11-271788	10/1999	JP			ABST	
	2001-133808	5/2001	JР	1 1		ABST	
	11-183937	7/1999	JP			ABST	
4	2001-249363	9/2001	ĴР	 	- 	ABST	
nPln	2-242228	9/1990	JР		- 	ABST	
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	International Search Rep	ort for PCT/J	P04/18930 dated 25 January 2005 (English	and Jar	anese).		
							
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	Ť.	Sato et al, "Thermodyn	amics of a							otropy	", EKISI	Ю,
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		Yoneya, "Examining Nano-Structured Liquid Crystal Phase by Molecular Simulator", EKISHO, 2003, Vol. 7,										
		No. 3, pp. 238-245										
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		Yamamoto, "First Lecture of Liquid Crystal Science Experiment: Identification of Liquid Crystal Phase"										
		Lyotropic Liquid Crystal, EKISHO, 2002, Vol. 6, No. 1, pp. 72-82 Grelet et al, "Structural Investigations on Smectic Blue Phases", Physical Review Letters, 23 April 2001, Vol.										
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